

UTAH STATE IMPLEMENTATION PLAN

SECTION X

**VEHICLE INSPECTION AND
MAINTENANCE PROGRAM**

Part E

Weber County

Adopted by the Utah Air Quality Board
December 5, 2012

Table of Contents

1. Applicability 1

2. Summary of Weber County I/M Program..... 1

3. I/M SIP implementation.....3

SECTION X Part E
Weber County Emission Inspection/ Maintenance Program
APPENDICES

1. Weber County Emission Inspection/ Maintenance Program Regulation revised March 26, 2012
2. Weber County Audit Policy and Procedures

UTAH STATE IMPLEMENTATION PLAN
SECTION X, PART E
VEHICLE INSPECTION AND MAINTENANCE (I/M) PROGRAM

1. Applicability

Weber County I/M program requirements: Ogden City was designated nonattainment for the carbon monoxide (CO) National Ambient Air Quality Standards (NAAQS) on January 6, 1992 (56 FR 56694, November 6, 1991) and was classified as a "moderate" area. The Ogden City CO nonattainment area was redesignated to attainment for the CO NAAQS on November 14, 2005 (70 FR 54267, September 14, 2005).

Utah was previously required by Sections 182 and 187 of the Clean Air Act to implement and maintain an I/M program in Weber County that met the minimum requirements of 40 CFR Part 51 Subpart S and that was at least as effective as the EPA's Basic Performance Standard as specified in 40 CFR 51.352. However, the Basic Performance Standard requirement is no longer applicable as the nonattainment area in Weber County has been redesignated to attainment / maintenance for the CO NAAQS. Parts A and E of Section X, together with the referenced appendices, continue to demonstrate compliance with the 40 CFR Part 51 provisions for Inspection and Maintenance Program Requirements for Weber County and produce mobile source emission reductions that are sufficient to demonstrate continued maintenance of the CO NAAQS. In addition, the Weber County I/M program is a control measure to attain and maintain EPA's particulate NAAQS in Weber County.

2. Summary of Weber County I/M Program

Below is a summary of Weber County's I/M program. Section X, Part E Appendices 1 and 2 contain the essential documents for Weber County's I/M program.

Network Type: Weber County's I/M program is a decentralized, test-and-repair network, as approved by EPA on September 14, 2005 (70 FR 54267).

Test Convenience: There are approximately 110 permitted Basic I/M stations within Weber County. Specific operating hours are not specified by the county; however, Weber County regulation requires that stations be open and available to perform inspections during a major portion of normal business hours of 8:00 a.m. to 5:00 pm Mondays through Fridays. There are also government and private fleet permitted stations that are not open to the public.

Subject Fleet: All model year 1968 and newer vehicles registered or principally-operated in Weber County are subject to the I/M program except for exempt vehicles.

Test frequency: Vehicles less than two years old as of January 1 on any given year are exempt from an emissions inspection. Vehicles two years old and less than six years old as of January 1 on any given year are inspected every other year as per Utah Code 41-6a-1642(6). All vehicles six years old and older as of January 1 on any given year are inspected annually.

Station/inspector Audits: Weber County's I/M program will regularly audit all permitted I/M inspectors and stations to ensure compliance with county I/M regulations, procedures, and policies. Particular attention will be given to identifying and correcting any fraud or incompetence with respect to vehicle emissions inspections. Compliance with recordkeeping, document security, analyzer maintenance, and program security requirements will be scrutinized. Weber County I/M program will have an active covert compliance program to minimize potential fraudulent testing. Weber county audit policy is provided in Appendix 2 of this part of Section X.

Waivers: Weber County will take corrective action as needed to maintain a maximum waiver rate of 5% of the initially failed vehicles or the Utah Air Quality Board will revise the SIP and emission reductions claimed based on the actual waiver rate. The conditions for issuing waivers legally authorized and specified in the Weber County I/M regulation meets the minimum waiver issuance criteria specified in 40 CFR Subpart S 51.360.

Test Equipment: Specifications for Weber County's emission analyzer and its I/M test procedures, standards and analyzers are provided in Weber County's I/M regulations provided in Appendix 1. Test equipment and procedure were developed according to good engineering practices to ensure test accuracy. Analyzer calibration specifications and emissions test procedures meet the minimum standards established in Appendix A of the EPA's I/M Guidance Program Requirements, 40 CFR Part 51 Subpart S.

Test Procedures:

- 1996 and newer light duty vehicles¹ are subject to an OBD II inspection.
- The following vehicles are subject to a two-speed idle test that is compatible with Section VI (Preconditioned Two Speed Idle Test) in Appendix B of the EPA I/M Guidance Program Requirements, 40 CFR 51, Subpart S:
 - 1995 and older vehicles,
 - 1996 and newer medium² and heavy duty vehicles³

¹ Light duty vehicles have a Gross Vehicle Weight of 8500 lbs or less.

² Medium duty vehicles have a Gross Vehicle Weight greater than 8500 lbs but less than 14,000 lbs

³ Heavy Duty vehicles have a Gross Vehicle Weight greater 14,000 lbs

3. I/M SIP implementation

The I/M program regulations, policies, procedures, and activities specified in this I/M SIP revision have been implemented and shall continue until a maintenance plan without an I/M program is approved by EPA in accordance with Section 175 of the Clean Air Act as amended.